

Title (en)

MOLD ASSEMBLY FOR MANUFACTURING A COMPOSITE PART AND RELATED METHODS

Title (de)

FORMZUSAMMENBAU ZUR HERSTELLUNG EINES VERBUNDMATERIALTEILS UND ZUGEHÖRIGE VERFAHREN

Title (fr)

ENSEMBLE MOULE DE FABRICATION D'UNE PIÈCE COMPOSITE ET PROCÉDÉS ASSOCIÉS

Publication

EP 4245509 A1 20230920 (EN)

Application

EP 22161769 A 20220314

Priority

EP 22161769 A 20220314

Abstract (en)

The present disclosure relates to mold assemblies for manufacturing composite parts comprising fibers (202) and resin. The mold assembly comprises a mold surface (201) and a pliable sheet (210). The pliable sheet is configured to be connected to the mold surface between lateral end walls (203), and to be opened and closed locally so that the fibers can be laid in the mold. The present disclosure further relates to methods for manufacturing composite parts.

IPC 8 full level

B29C 70/44 (2006.01); **B29C 70/34** (2006.01); **B29C 70/54** (2006.01)

CPC (source: EP)

B29C 70/342 (2013.01); **B29C 70/443** (2013.01); **B29C 70/544** (2021.05); **B29C 2043/3644** (2013.01); **Y02P 70/50** (2015.11)

Citation (search report)

- [XAI] US 8672665 B2 20140318 - RYDIN RICHARD W [US], et al
- [A] KR 20120077539 A 20120710 - HYOSUNG CORP [KR]

Cited by

WO2023174893A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4245509 A1 20230920; WO 2023174893 A1 20230921

DOCDB simple family (application)

EP 22161769 A 20220314; EP 2023056390 W 20230313